CATALOGUE AND ANNOUNCEMENT

OF THE

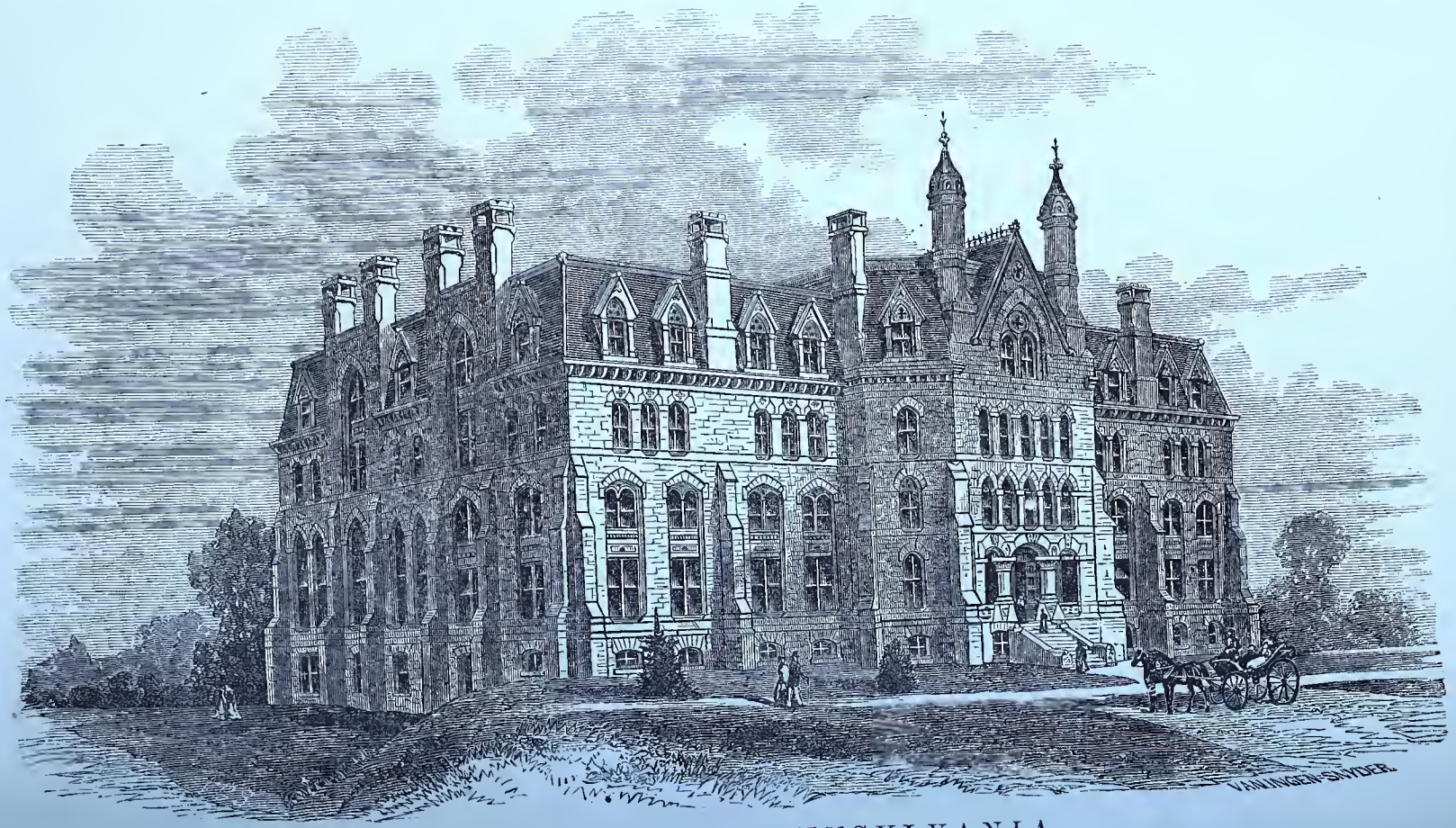
MEDICAL DEPARTMENT

OF THE

UNIVERSITY OF PENNSYLVANIA

FOR THE

ONE HUNDRED AND NINTH SESSION, 1874–75.

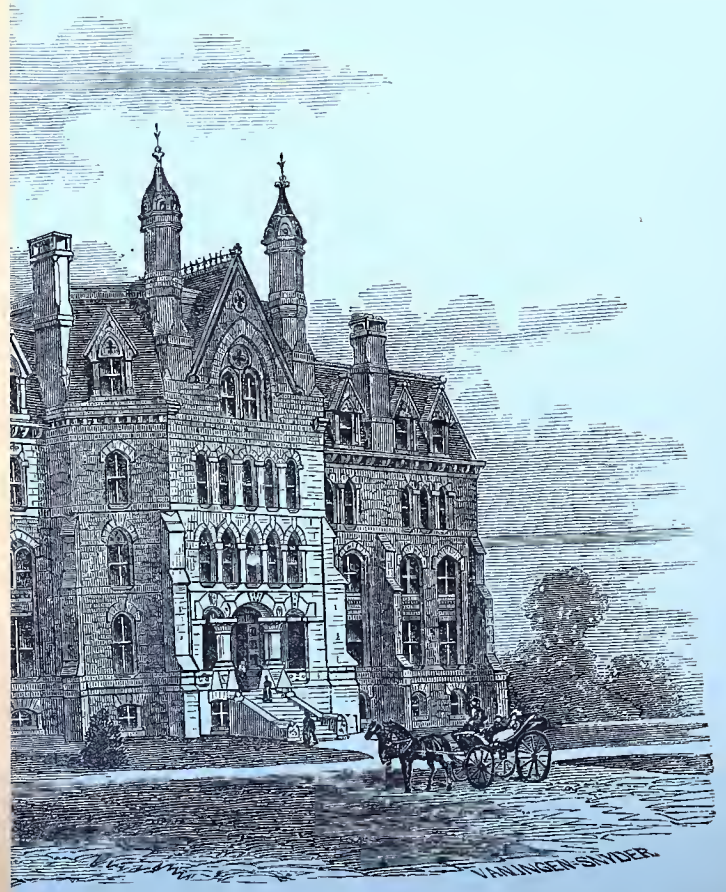


UNIVERSITY OF PENNSYLVANIA.

MEDICAL DEPARTMENT.

THOS. W. RICHARDS,
Instructor in Drawing, University of Pennsylvania.
ARCHITECT OF UNIVERSITY BUILDINGS.

UNIVE



NSYLVANIA.

IENT.

UNIVERSITY OF PENNSYLVANIA,

MEDICAL DEPARTMENT.

Thirty-Sixth and Locust Street.

MEDICAL FACULTY.

GEORGE B. WOOD, M.D., LL.D.,
Emeritus Professor of Theory and Practice of Medicine.
1117 Arch Street.

HENRY H. SMITH, M.D.,
Emeritus Professor of Surgery.
1800 Spruce Street.

JOSEPH CARSON, M.D.,
Professor of Materia Medica and Pharmacy.
1120 Spruce Street.

ROBERT E. ROGERS, M.D.,
Professor of Chemistry.
1004 Walnut Street.

JOSEPH LEIDY, M.D., LL.D.,
Professor of Anatomy.
1302 Filbert Street.

FRANCIS G. SMITH, M.D.,
Professor of Institutes of Medicine.
1504 Walnut Street.

RICHARD A. F. PENROSE, M.D.,
Professor of Obstetrics and the Diseases of Women and Children.
1331 Spruce Street.

ALFRED STILLÉ, M.D.,
Professor of Theory and Practice of Medicine, and of Clinical Medicine.
3900 Spruce Street.

D. HAYES AGNEW, M.D.,
Professor of Surgery.
1611 Chestnut Street.

H. LENOX HODGE, M.D.,
Demonstrator of Anatomy.
901 Walnut Street.

CHARLES T. HUNTER, M.D.,
Demonstrator of Surgery.
1905 Walnut Street.

R. E. ROGERS, M.D.,
Dean of the Medical Faculty,
P. O. Box 2838.

W. H. SALVADOR, *Janitor,*
University Building.

MEDICAL DEPARTMENT.

I.

REGULATIONS.

The Medical Department is under the immediate government of the Medical Professors, who constitute the Faculty of Medicine, subject to the Rules and Statutes of the Board of Trustees. The Faculty consists of—

A Professor of the THEORY AND PRACTICE OF MEDICINE AND CLINICAL MEDICINE,

A Professor of ANATOMY,

A Professor of MATERIA MEDICA AND PHARMACY,

A Professor of CHEMISTRY,

A Professor of SURGERY,

A Professor of OBSTETRICS AND THE DISEASES OF WOMEN AND CHILDREN, and

A Professor of the INSTITUTES OF MEDICINE.

The Medical Faculty hold meetings for the purpose of arranging and conducting the business of the department, and for the preservation of order and decorum among the medical students.

One of the members acts as Dean, whose duty it is to keep the Minutes of the Faculty, to arrange the examination of the candidates for graduation, to conduct the business of the Faculty at their meetings, and to attend to correspondence.

The Medical Lectures begin early in October, and end on the last day of February ensuing.

The Commencement for conferring the Degree of Doctor of Medicine is held by a special mandamus of the Board of Trustees during the month of March.

The following are the Rules in force in relation to the Degree of Doctor of Medicine:—

I. The candidate must have attained the age of twenty-one years, have applied himself to the study of Medicine for three years, and been, during that time, the private pupil for two years, at least, of a respectable practitioner of Medicine.

II. The candidate must also have attended two complete courses of the following Lectures in this Institution:—

Theory and Practice of Medicine,
Anatomy,
Materia Medica and Pharmacy,
Chemistry,
Surgery,
Obstetrics and the Diseases of Women and Children,
Institutes of Medicine.

III. Medical students who have attended one complete course in a respectable Medical School, where the attendance on two complete courses is necessary to a degree, and where the same branches are taught as in this, and which is placed upon the *ad eundem* of this school, are permitted to become candidates by an attendance here for one full course; the rules of graduation being in other respects observed. They are also exempted from the payment of fees upon attending a second term.*

IV. When a candidate applies to the Dean for examination he must exhibit his tickets to prove that the above rules have been complied with.

V. The candidate, at the time of his application, must deliver to the Dean of the Medical Faculty a Thesis, composed by himself, on some medical subject. This Thesis is referred to one of the Professors, who shall examine the candidate upon it, and make his report thereon to the Medical Faculty.

VI. When a candidate is rejected, his essay will be retained by the Medical Faculty.

VII. The essay must be in the candidate's own handwriting, and must be written uniformly on letter-paper of the same size, the alternate pages being left blank.†

* To induce as many students as possible to prolong and systematize their studies, the Faculty have adopted the following additional Rule:—

STUDENTS WHO HAVE ATTENDED TWO FULL COURSES OF LECTURES ON ANATOMY, CHEMISTRY, MATERIA MEDICA, AND THE INSTITUTES OF MEDICINE, MAY BE EXAMINED UPON THESE SUBJECTS AT THE END OF THEIR SECOND COURSE.

During their third course such students may devote themselves exclusively to the Lectures upon the THEORY AND PRACTICE OF MEDICINE AND CLINICAL MEDICINE, SURGERY, and OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN. In their final Examination for the Degree of M. D., they will be examined upon the last named subjects only; but their standing will be determined by the combined results of both examinations.

† The essays should be written upon Thesis paper, for the purpose of convenient binding together into volumes. It is recommended that the candidate prepare his thesis before the commencement of his last course of lectures.

VIII. Bad spelling in a Thesis, or evidences of a want of literary culture, will preclude a candidate from examination for a degree.

IX. A Thesis may be published by the candidate if he desire it, the permission of the Professor by whom he was examined thereon being first obtained; but no alteration shall be made in such Thesis without the consent of the said Professor.

X. The voting on the case of each candidate is by ballot. Candidates who have not been successful upon a first examination will be permitted to have a second, when all the classes have been disposed of by the Faculty. The second examination will be conducted in full meeting of the Professors.

XI. The candidate shall pay the graduation fee on the presentation of his Thesis, or before receiving notice of having successfully passed his examinations. Upon receiving such notice, he will enter his name on the register for the purpose of being reported to the Board of Trustees and included in the mandamus for a degree.

XII. Candidates who have passed their examination, and in other respects complied with the regulations, are to be reported by the Dean to the Provost, who will communicate such report to the Board of Trustees, in order that, if approved of by them, their mandamus be issued for conferring the Degree.

XIII. The Degree will not be conferred upon a candidate who absents himself from the Public Commencement, except by special permission of the Medical Faculty.

XIV. Graduates of Medical Schools, on the *ad eundem* list, by attending one complete course in this Institution, and complying with the above regulations, are put upon the same footing with students who have attended two complete courses here; that is, they may present themselves as candidates for graduation: but if they attend a second course, their tickets will be free. Such graduates, of five years' standing, are permitted to attend the course of Lectures, upon a general ticket of admission, free of expense, except the cost of the matriculating ticket. But this general ticket does not qualify for graduation.

EXPENSES.

Fees for the Course of Lectures (paid in advance) . .	$140
Matriculating Fee (paid once only)	5
Graduating Fee	30

*** No scholarships are sold by the UNIVERSITY OF PENNSYLVANIA.

The Lectures of the Session of 1874-75 will commence on the first Monday (5th) of October, and close on the last day of February ensuing.

II.

TEXT-BOOKS AND WORKS OF REFERENCE.

On Practice of Medicine: Wood's Practice of Medicine; Stillé's Therapeutics; Walshe on the Heart and Lungs; Rindfleisch, or Green, on Morbid Anatomy.

On Anatomy: Leidy's Elementary Treatise on Human Anatomy; Sharpey and Quain's Anatomy; Wilson's Anatomy; Gray's Anatomy; Kölliker's Microscopical Anatomy; Stricker's Manual of Histology.

On Materia Medica: Carson's Synopsis; Wood's Therapeutics; Wood and Bache's Dispensatory; Abridgment of Pereira's Materia Medica.

On Chemistry: Fownes's Elementary Chemistry; Wilson's Inorganic Chemistry; Brande and Taylor's Chemistry; Lehmann's Physiological Chemistry, by Rogers; Taylor's Toxicology.

On Surgery: Smith's Principles and Practice of Surgery; Erichsen's Surgery; Paget's Surgical Pathology; Macleod's Surgical Diagnosis.

On Institutes of Medicine: Marshall's Physiology; Carpenter's Physiology; Kirke's Manual.

On Obstetrics: Hodge's Obstetrics; Hodge on Diseases Peculiar to Women; West on Diseases of Women; West on Diseases of Children; Meigs and Pepper on Diseases of Children.

III.

THE NEW MEDICAL HALL.

Since the issue of the last annual Catalogue a new building for the Medical Department has been erected at Thirty-sixth and Locust Streets in West Philadelphia. Corresponding in architecture with the adjacent Department of Arts and of Science, it presents an elegant and imposing appearance; and in its interior arrangements nothing has been omitted which could render it thoroughly adapted to its purpose, and make it in all respects the most complete building devoted to medical science in the United States.

IV.

MUSEUM AND CABINETS.

The Wistar and Horner Museum, which was founded nearly One Hundred Years ago, and has been annually augmented, is unequalled in the United States for the number and variety of its specimens of the normal and the morbid anatomy of every part of the human body. It also contains a large number of preparations in comparative anatomy, and an extensive collection of artistic models, which are used in illustrating the several courses of lectures delivered in the Medical Department. The ticket of matriculation in this Department entitles the holder to admission to the Museum, which is open on Wednesday and Saturday of each week, from 9 to 12 A. M., throughout the session.

The Cabinet of the Professor of Theory and Practice of Medicine, collected by Dr. George B. Wood while he held that chair, and generously placed by him at the service of his successors, contains an extensive series of wet preparations, drawings, and models in wax and other materials, which together form a collection unrivalled in extent and value, for illustrating diseases of the internal organs and of the skin.

Through the liberality of Dr. Henry H. Smith, Emeritus Professor of Surgery, the University has received an extensive and valuable gift of models, specimens, and drawings, for the use of the Professor of Surgery.

V.

DEMONSTRATIVE AND CLINICAL INSTRUCTION.

Although the annual lecture term of the Medical Department of the University embraces nearly five months, the time which may be employed by the student who desires to avail himself of all the advantages afforded by the school is really twice as great, or more than ten months in each year.

During the Spring and Summer students of the Medical Department are entitled to attend the Lectures of the Auxiliary Faculty on subjects which form a scientific basis for medicine, and illustrate several of its branches. Those who have attended two full courses and passed a satisfactory examination upon them, receive the degree of Ph.D. (Doctor of Philosophy). The lectures of the Auxiliary Faculty are delivered in the afternoon, while the forenoon is occupied in part

by the Medical and Surgical Clinics, and by special clinical lectures upon Physical Diagnosis, Diseases of the Eye, of the Urinary Organs, of Women and Children, and of the Skin, at the UNIVERSITY HOSPITAL. Lectures on Regional Anatomy, and on Microscopy and Urinary Chemistry, complete the programme. For about a month before the opening of the Winter Session, Clinical and Demonstrative lectures of the same general character are delivered.

The different courses of lectures have been so arranged as to enable students to pursue a systematic plan of study, in which the younger may give themselves up wholly to didactic instruction, while the more advanced have the opportunity of seeing the scientific principles and the art of medicine practically illustrated and applied.

VI.

THE HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA.

Before the opening of the Winter course of lectures for 1874–75, the University Hospital will be in full operation. An elegant and commodious edifice, constructed according to the best established principles of hospital architecture, provided with all the appliances pertaining to such institutions of the first class, and adjacent to the new Medical Hall, this Hospital will form an integral portion of the Medical Department. Attendance on the Clinical Lectures delivered in its amphitheatre and its wards will form a part of the daily privileges of the students, and ample opportunities will be afforded to the more advanced among them to gain a personal and practical acquaintance with Clinical Medicine, Surgery, Obstetrics, and Specialties. These subjects will be taught by the several Clinical Professors in the University, and by the Professors and Lecturers at the Hospital.

VII.

OTHER HOSPITALS AND HOSPITAL CLINICS.

In addition to the official clinical lectures delivered at the University Hospital and the other diversified means of acquiring practical knowledge and skill which that Institution will afford, medical students will have the opportunity of attending clinical lectures in other Hospitals, as well as private classes formed for the special study of disease.

At the PHILADELPHIA HOSPITAL, which is contiguous to the grounds

of the University, contains 900 beds, and is the only large hospital in the United States where all the medical attendants are continuously on duty, Clinical lectures are delivered twice a week on Medicine, Surgery, and the Diseases of Women and Children. Lectures on Clinical Medicine and Surgery are also delivered twice a week during the whole year by the Medical Staff of the PENNSYLVANIA HOSPITAL. At both of these institutions students are admitted without charge. During the spring and summer *private* classes are also formed for Clinical Instruction, for which a moderate fee is required. In these classes students are fully instructed in the art of recording cases, and in the various methods of physical examination employed in Clinical Medicine.

The PRESBYTERIAN HOSPITAL, situated in West Philadelphia at a convenient distance from the University, may be added to the list of institutions which will be especially accessible to the students of the University.

Among the other Hospitals where Clinical Instruction is given, and which are open to students, may be mentioned: The EPISCOPAL, WILLS (Eye Hospital), CHILDREN'S, LYING-IN, ST. JOSEPH'S, ST. FRANCIS, GERMAN, and JEWISH HOSPITALS.

The following Dispensaries are also available for students, many of whom are systematically instructed in practice by the visiting physicians: The PHILADELPHIA, The SOUTHERN, The NORTHERN, and The MOYAMENSING DISPENSARIES.

Appointments of RESIDENT PHYSICIANS are made annually in the different Hospitals of the city, and are open to competition by the graduates of the school, of whom a large number have filled these valuable situations.

From the preceding summary it is evident that a prolonged residence in the city must be of the utmost value to the student, by enabling him to pursue a systematic course of study and to become practically familiar with the scientific methods of investigating disease, and with the principles and results of its treatment.

VIII.

PRACTICAL ANATOMY.

The DISSECTING ROOMS of the University are open throughout the year (except July and August), under the superintendence of the Professor of Anatomy and the Demonstrator.

In building the new Medical Hall of the University, care has been taken to provide Dissecting Rooms that shall contain everything that

experience has suggested as being necessary or desirable. These Rooms are unusually large and high. Their *ventilation* will be of the most perfect kind, and adapted both to winter and summer. The *light* will be strong and equably diffused over the whole space by means of extensive skylights and side-windows. There will be gas burners over every table for work by night. Every table will have a *stone* top, which cannot absorb the discharges and can be kept perfectly clean. There will be numerous washstands, and many private closets. *Cleanliness* will be rigidly enforced. The preservation of the *cadaver* has been so successfully accomplished as almost to do away with the dangers of dissecting wounds. Dissection is legalized in Pennsylvania, and therefore the cost of *material* is very small.

IX.

PRACTICAL SURGERY.

The Operating Room is open during the Session, under the supervision of the Professor of Surgery and his Assistants. Every student is here thoroughly instructed and practically trained in the application of bandages and surgical apparatus, and in the performance of operations upon the cadaver. Instruments, splints, and bandages are supplied free of cost.

X.

PRACTICAL CHEMISTRY.

The Working Laboratory for Practical Chemistry, under the supervision of the Professor of Chemistry aided by his Assistant, will be open during the Winter Session, and a portion of each spring and autumn.

The instruction here given will be in harmony with the Chemical Lectures of the Winter Session, and will be conducted in such a manner as to secure to the student a Practical familiarity with the apparatus, materials, processes, and reactions which are the subjects of his professional study, and which are to be availed of in his subsequent practice.

The courses will be arranged under three heads, according to the preparation of the pupil and his own especial wants and choice.

I. Manipulation, in which each student will himself prepare the apparatus, perform the various experiments, and trace the reactions, as shown and explained in the regular Winter Lectures of the Professor of Chemistry.

II. Qualitative and Quantitative Analysis, so far as relates to the wants of the Medical Practitioner. This will include an extensive range of *testing* for the discrimination between the various hurtful substances that may call for antidotes and those which are harmless; and will embrace *Toxicology*, or the *practical separation* and detection of poisons in Organic Mixtures and Tissues.

The student will also in this course be conducted *practically* through the manufacture of all the prominent Acids and Salts, and the extraction or preparation of the important Alkaloids, Ethers, and other organic products.

III. The Examination of Normal and Abnormal Products of the human body as aiding in the diagnosis of disease, such as urine, urinary deposits, bile, blood, etc.

Examinations.—In connection with these courses of instruction, the student will be systematically examined upon the subjects of his study.

XI.

THE PHYSIOLOGICAL LABORATORY

Will be under the charge of the Professor of the Institutes of Medicine, aided by competent Assistants. Its main object will be to afford the Student an opportunity to study Physiology by experiment and personal observation.

The functions of the various organs and the sources, constitution, and destination of the secretions and excretions will be studied in the living and dead subject by the student, either singly or in classes.

A full supply of all the necessary materials will be afforded for the practical study of this department.

XII.

THE ANATOMICAL LABORATORY

Will be under the supervision of the Professor of Anatomy, and the direct guidance of his Assistant, Dr. Henry C. Chapman. The special object of the Laboratory is to afford a limited number of students the opportunity of studying practical Comparative Anatomy in its relation with Human Anatomy and Physiology. It is proposed that the student shall make for himself dissections of at least one representative of each class of animals from the lowest to the highest. The microscope will be in constant aid of the study.

XIII.

PRIZES.

Two PRIZES of One Hundred Dollars each will be awarded to the members of the Graduating Class of 1874–75 for the two best Essays upon Medical subjects, provided such Essays are of sufficient merit to be worthy of publication.

One of these prizes has been instituted by the SOCIETY OF THE ALUMNI of the Medical Department of the University.

The other has been authorized by a liberal friend of the University.

ANATOMICAL PRIZES.—A "*Gold Medal*" will be awarded by the Demonstrator of Anatomy to that student who shall exhibit the greatest diligence, care, and skill in the practical study of anatomy.

A Prize of THIRTY DOLLARS will also be awarded by the Demonstrator to the student who shall present the best record of the anomalies found in the anatomical rooms during the year.

The names of those to whom the prizes are awarded will be announced at the Annual commencement of the Medical Department.

Alumni of the Medical Department of the University, and others who desire to receive the Catalogue and Announcement, are requested to send their addresses to the Dean, P. O. Box 2838, Philadelphia.

HOSPITAL OF THE UNIVERSITY OF PENNSYLVANIA.

CLINICAL LECTURES.

HOSPITAL STAFF.

ALFRED STILLÉ, M.D., Professor of the Theory and Practice of Medicine, and of Clinical Medicine,
D. HAYES AGNEW, M.D., Professor of Surgery,
R. A. F. PENROSE, M.D., Professor of Obstetrics and of the Diseases of Women and Children,
} *Ex-officio;*

WILLIAM PEPPER, M.D., Clinical Professor of Medicine;
D. HAYES AGNEW, M.D., Clinical Professor of Surgery;
JOHN NEILL, M.D., Associate Clinical Professor of Surgery;
WILLIAM GOODELL, M.D., Clinical Professor of Diseases of Women and Children;
WILLIAM F. NORRIS, M.D., Clinical Professor of Diseases of the Eye;
GEORGE STRAWBRIDGE, M.D., Clinical Professor of Diseases of the Ear;
HORATIO C. WOOD, M.D., Clinical Lecturer on Nervous Diseases;
LOUIS A. DUHRING, M.D., Clinical Lecturer on Skin Diseases;
JAMES TYSON, M.D., Clinical Lecturer on Pathological Anatomy and Histology.

MEDICAL DISPENSARY SERVICE.

ROLAND G. CURTIN, M.D., Chief of the Medical Dispensary.
LOUIS STARR, M.D., Chief of the Dispensary for Nervous Diseases.
ROBERT M. BERTOLET, M.D., Chief of the Dispensary for Diseases of the Throat.

SURGICAL DISPENSARY SERVICE.

CHARLES T. HUNTER, M.D., Chief of the Surgical Dispensary.

ASSISTANTS TO SURGICAL DISPENSARY SERVICE.

SAMUEL S. STRYKER, M.D.,
FRANK MUHLENBERG, M.D.,
WILLIAM ASHBRIDGE, M.D.,
DE FOREST WILLARD, M.D.,
ELLIOTT RICHARDSON, M.D.,
WILLIAM G. PORTER, M.D.,
ROBERT H. ALISON, M.D.

ASSISTANT DEMONSTRATORS OF ANATOMY.

LEONARDO S. CLARK, M.D.,
STANLEY P. NEWSHAM, M.D.,
CHARLES B. NANCREDE, M.D.,
EUGENE P. BERNARDY, M.D.,
FRANK P. HOUSKEEPER, M.D.,
DAVID DAVIDSON, M.D.,
LAWRENCE B. HOFF, M.D.,
FREDERICK P. HENRY, M.D.,
EWING JORDAN, M.D.,
ABRAHAM A. McDONALD, M.D.,
WILLIAM H. WINSLOW, M.D.

DEMONSTRATORS OF PRACTICAL SURGERY.

CHARLES T. HUNTER, M.D., Demonstrator.

ASSISTANTS.

WILLIAM ASHBRIDGE, M.D.,
DE FOREST WILLARD, M.D.,
FRANK MUHLENBERG, M.D.,
ELLIOTT RICHARDSON, M.D.

ASSISTANT TO THE PROFESSOR OF CHEMISTRY.

GEORGE M. WARD, M.D.

ASSISTANTS TO THE PROFESSOR OF OBSTETRICS.

WM. F. JENKS, M.D.,
DANIEL BRAY, M.D.

ASSISTANTS TO THE PROFESSOR OF INSTITUTES OF MEDICINE.

CHARLES SEILER, M.D.,
WILLIAM H. KLAPP, A.B.,
ROBERT M. SMITH, A.B.

ASSISTANT TO THE PROFESSOR OF ANATOMY.

HENRY C. CHAPMAN, M.D.

AUXILIARY FACULTY OF MEDICINE.

SPRING COURSE.

FACULTY.

HARRISON ALLEN, M.D., *Professor of Zoology and Comparative Anatomy.*
HORATIO C. WOOD, Jr., M.D., *Professor of Botany.*
HENRY HARTSHORNE, M.D., *Professor of Hygiene.*
JOHN J. REESE, M.D., *Professor of Medical Jurisprudence, including Toxicology.*
SAMUEL B. HOWELL, M.D., *Professor of Mineralogy and Geology.*

S. B. Howell, M.D., *Dean of the Auxiliary Faculty.*

The branches of Natural History, forming the subjects of the three Professorships first named, will be taught mainly in reference to their medical relations.

All students who have matriculated in the Medical Department, and have taken the tickets of two of the Medical Faculty, have the right of admission to the lectures. Attendance upon these lectures is not compulsory upon the students in the Medical Department.

Gentlemen not students or graduates of the Medical Department can obtain the right of admission to the lecture by taking the tickets and matriculating. Those desiring to attend the course will apply to the Dean.

The several courses will each consist of at least thirty-four lectures, to be delivered, at hours fixed by the Faculty, three times a week during the months of April, May, and June, commencing on third Monday in March, and ending on Saturday, June 21st.

The degree of Doctor of Philosophy will be conferred upon those medical graduates of the University of Pennsylvania, or of other Medical Schools upon the ad eundum list, who shall have attended two courses of lectures, and have passed a satisfactory examination thereon by the Faculty. To such, a Diploma will be granted by the University.

MEDICAL CLASS—SESSION 1873-74.

MATRICULATES.

NAME.	STATE.	PRECEPTOR.
Abel, Frederick T.	Pennsylvania.	Wm. Mason Turner.
Annis, Simon D.	Pennsylvania.	Geo. M. Ward.
Adhleman, Clarence L.	Pennsylvania.	J. M. Smith.
Alexander, Lot	Pennsylvania.	A. Harshberger & Son.
Almeida, Gabriel T. Piza	Brazil, S. A.	W. H. Winslow.
Amerman, Alonzo	Pennsylvania.	H. Lenox Hodge.
Andrews, Reuben H.	Pennsylvania.	J. H. Krause.
Ash, J. Frank	Pennsylvania.	Adolph W. Miller.
Ashbridge, Richard, Jr.	Pennsylvania.	Wm. Ashbridge.
Ayres, Samuel J.	Pennsylvania.	John Martin.
Baily, Joseph C. (M.D.)	U. S. Army.	
Baker, Philip D.	Pennsylvania.	G. L. & J. M. Shearer.
Baker, Washington H.	Pennsylvania.	W. F. Atlee.
Baker, William C.	Pennsylvania.	Carpenter & Frothingham.
Baldwin, L. Byron	Pennsylvania.	De F. Willard & D. W. Hutchi-
Bare, George T.	Pennsylvania.	J. L. Atlee. [son.
Bass, H. Turner	North Carolina.	H. Lenox Hodge.
Batdorff, Franklin P.	Pennsylvania.	L. G. Batdorff.
Bechtel, John C.	Pennsylvania.	A. J. Schoener.
Beck, George A.	Pennsylvania.	E. S. Dorworth.
Beck, Richard H.	Pennsylvania.	G. J. Scholl.
Beltz, D. Elwood	Pennsylvania.	Dr. Beam.
Benemelis, Vincent D.	Cuba.	
Benton, James H.	North Carolina.	J. C. Monk.
Berens, Joseph	Pennsylvania.	S. R. Duncan.
Bertolet, Edwin B.	Pennsylvania.	R. M. Bertolet.
Best, George N.	New Jersey.	Alex. S. Jordan.
Bickforn, Henry H.	Tennessee.	Frayser & Willett.
Biddle, Alexander W.	Pennsylvania.	Joseph Carson.
Biddle, Thomas, Jr.	Pennsylvania.	J. H. Hutchinson.
Bircks, Jacob B.	Pennsylvania.	E. J. Santee.
Bisbe, Joseph	Cuba.	
Bishop, L. Augustus H.	Delaware.	F. M. Gum.
Boice, Alonzo	Pennsylvania.	J. H. McQuillen & T. T. C. Stell-
Bonwill, Emile L.	Delaware.	R. W. Hargadine. [wagen.
Bowman, Abraham G. (M.D.)	Pennsylvania.	
Boyd, J. Oliver (M.D.)	Pennsylvania.	
Boyn, Samuel B., Jr.	Tennessee.	Jno. M. Boyd.
Brabner, Henry K. (M.D.)	New York.	
Brady, Sobieski H.	Pennsylvania.	A. J. Herman.
Brechemin, Louis	Pennsylvania.	J. F. Holt.
Brock, Charles H.	Pennsylvania.	Wharton Sinkler.
Brodhean, Cicero	Pennsylvania.	George M. Ward.
Bruner, William S.	Pennsylvania.	Daniel J. Bruner.
Burn, J. Patterson (M.D.)	Pennsylvania.	
Burgin, George H.	Pennsylvania.	Jas. Tyson & Associates.

NAME.	STATE.	PRECEPTOR.
Carpenter, A. Eldridge	New Jersey.	Traill Green.
Carr, Charles J.	Pennsylvania.	H. L. Hodge & F. R. Blake.
Catlin, Joseph A.	Maryland.	T. H. Whaland.
Chandler, James Hutson	Barbadoes, W. I.	T. J. Chandler.
Chapman, Edward D.	Massachusetts.	A. G. Reed.
Cherry, William S.	North Carolina.	R. S. Halsey.
Chrisman, Z. Taylor (M.D.)	Pennsylvania.	
Clifton, John W.	Delaware.	R. W. Hargadine.
Coburn, George Hayward	New Brunswick.	David Burpee.
Coles. John W.	U. States Navy.	
Cooley, William S.	Pennsylvania.	
Cooper, Edward F. J.	Delaware.	Ezekiel W. Cooper.
Cooper, Llewellyn H.	Pennsylvania.	Jno. A. Laros.
Cooper, Smith	Delaware.	R. W. Hargadine.
Cooper, Thomas H.	Delaware.	Geo. W. Betson.
Coover, Frederick W.	Pennsylvania.	G. L. & J. M. Shearer.
Cordts, George W.	Mississippi.	
Crawford, Robert (M.D.)	Pennsylvania.	
Crooks, William C. (M.D.)	Pennsylvania.	
Currier, Marion L.	Tennessee.	Jno. W. Cates.
Curry, Albert M.	Connecticut.	H. Lenox Hodge.
Deaver, Richard Wilmot	Pennsylvania.	J. M. Deaver.
Dennis, Samuel William	California.	Harrison Allen.
De Veny, S. Charles (M.D.)	Pennsylvania.	
Dickinson, Granville E.	Maryland.	S. S. Quinn.
Diehl, Mahlon	Pennsylvania.	Samuel S. Apple.
Dietz, William	Pennsylvania.	University of Heidelberg.
Dinsmore, Peter Andrew (M.D.)	Pennsylvania.	
Dorworth, Edwin S.	Pennsylvania.	University of New York.
Downs, Jesse L.	New Jersey.	J. Down Heritage.
Dulles, Charles Winslow	Pennsylvania.	W. W. Keen.
Duncan, John N.	Pennsylvania.	J. W. Hillier.
Eagles, Columbus W.	North Carolina.	M. B. Pitt.
Ealy, Taylor F.	Pennsylvania.	A. E. Ealy.
Early, John A. (M.D.)	Pennsylvania.	
Edwards, Joseph F.	Pennsylvania.	W. F. Atlee.
Ellis, Guilherme	Brazil, S. A.	
Erskine, Sterling (M.D.)	Pennsylvania.	
Estabrook, Charles G. (M.D.)	Pennsylvania.	
Estrazulas, Henry M. (M.D.)	Uruguay, S. A.	
Eyer, Aaron W.	Pennsylvania.	Wm. Leiser, Sr.
Eyre, Frank	Pennsylvania.	Chas. T. Hunter.
Eyster, George L.	Nebraska.	H. Earnest Goodman.
Fager, John H.	Pennsylvania.	C. B. Fager.
Farrow, Edwin D.	Missouri.	R. D. King.
Fell, John A.	Pennsylvania.	J. Foulk.
Felty, John C. (M.D.)	Pennsylvania.	
Findley, Thomas F.	Pennsylvania.	Wm. M. Findley.
Finney, William F.	Pennsylvania.	I. N. Evans.
Fisher, Henry Middleton	Pennsylvania.	Horace Binney Hare.

NAME.	STATE.	PRECEPTOR.
Fisher, William E.	Pennsylvania.	Robert Bolling.
Fogel, Solon C. B.	Pennsylvania.	H. J. Haheracker.
Frowert, Charles G.	Pennsylvania.	Francis L. Haynes.
Fullenwider, Austin L.	Iowa.	Samuel Fullenwider.
Fulton, Alexander	Pennsylvania.	Molten E. Hornbeck.
Gamble, William	Connecticnt.	Chas. T. Hunter & Associates.
Gibbons, Richard H.	Pennsylvania.	C. A. Dusenherre & J. J. O'Neill.
Giddings, James M.	Pennsylvania.	G. Underwood.
Gilliard, Louis E.	Pennsylvania.	Wm. Pepper.
Giltner, Paris D.	Oregon.	Morton & Giltner.
Girvin, Erwin R.	Pennsylvania.	R. M. Girven.
Glick, Henry J.	Pennsylvania.	T. C. Yeager.
Goldsborough, Charles B.	Pennsylvania.	Joseph Carson.
Good, J. Winfield	Pennsylvania.	Stephen M. Meredith.
Gray, M. Dwight	Pennsylvania.	J. H. Gray.
Green, William (M.D.)	New Jersey.	
Griffee, Howard M.	Pennsylvania.	Mayhew Johnson.
Grimes, Robert J.	North Carolina.	J. S. Barnes.
Grewer, Enward	Delaware.	T. H. Green.
Guitéras, Daniel M.	Cuba.	Wm. Pepper.
Guitéras, Juan (M.D.)	Cuba.	
Gulisyan, Lion Revork	Turkey.	
Guth, Morris S.	Pennsylvania.	B. S. Erwin.
Hall, Lycortas B. (M.D.)	Vermont.	
Hall, John H. (M.D.)	Missouri.	
Hall, William T.	Pennsylvania.	David J. Reese.
Hallum, Enward J.	Texas.	R. A. R. Hallum.
Hann, Francis C.	Pennsylvania.	Geo. R. Morehouse.
Haney, John R. (M.D.)	New Jersey.	
Harding, Henry	Pennsylvania.	John Sterling.
Hawkes, William H.	Massachusetts.	Wm. W. Keen.
Hay, James	Virginia.	Herbert Norris & H. L. Hodge
Hayley, Leonidas B. (M.D.)	Alabama.	
Haynes, John R.	Pennsylvania.	D. Hayes Agnew.
Heck, William H.	Pennsylvania.	D. W. Bashore.
Heckert, Calvin J.	Pennsylvania.	J. R. Umberger.
Heenan, Thomas E. (M.D.)	Pennsylvania.	
Heilman, Israel G. (M.D.)	Pennsylvania.	
Henkel, Solomon	Virginia.	S. P. C. & C. C. Henkel.
Heyl, Ervin	Ohio.	V. S. Seltzer.
Hickman, Percival H.	Pennsylvania.	
Hill, G. Alvan	Pennsylvania.	George Hill.
Hilliard, Phineas K. (M.D.)	New Jersey.	
Hinton, Rufus K. (M.D.)	Pennsylvania.	
Hocker, David R.	Pennsylvania.	E. J. and M. O. Putt.
Hockley, Thomas	Pennsylvania.	
Hoff, L. Bainbridge (M.D.)	Pennsylvania.	
Hoffman, David S.	Pennsylvania.	W. Murray Weidman.
Holbrook, Charles N. (M.D.)	Pennsylvania.	
Hollinger, Wilson F.	Pennsylvania.	Gochnauer & Smith.

NAME.	STATE.	PRECEPTOR.
Hoot, James P. (M.D.)	Pennsylvania.	
Hopkins, William Barton	Pennsylvania.	T. G. Morton.
Hopper, Isaac T.	Pennsylvania.	Thomas G. Morton.
Hortter, Jacob Wyce	Pennsylvania.	Casper Burtnett.
Houck, Jesse H.	Pennsylvania.	E. Melhorn.
Houskeeper, Frank P.	Pennsylvania.	H. Lenox Hodge.
Huff, Charles W.	Pennsylvania.	E. F. Kamerly.
Humphrey, Robert S.	Pennsylvania.	C. H. & W. J. Humphrey.
Hunter, George Alva	Tennessee.	Geo. T. Hunter.
Hunter, Samuel W. (M.D.)	Pennsylvania.	
Hunter, Thomas (M.D.)	Pennsylvania.	
Hutchison, Frank P.	Pennsylvania.	D. W. Hutchison.
Hyson, J. Miller	Pennsylvania.	Joseph K. Martin.
Hyskell, William D.	Pennsylvania.	J. W. Dunwiddie.
Iglehart, James D.	Maryland.	Wm. P. Bird.
Ivison, John	Pennsylvania.	J. J. Sowerby.
James, Edwin E.	Pennsylvania.	George H. Larison.
Jefferis, T. Norval	Pennsylvania.	J. H. Worthington.
Johnson, Charles S.	New Jersey.	C. W. Larison.
Johnston, James C.	Pennsylvania.	Wm. M. Guilford.
Johnston, Samuel	Pennsylvania.	
Jones, William F.	Virginia.	Walter F. Jones.
Justin, Joel G.	Rhode Island.	E. J. Holcombe.
Keath, James W.	Pennsylvania.	I. R. Bucher.
Keating, John M. (M.D.)	Pennsylvania.	
Keim, Charles J.	Pennsylvania.	Molten E. Hornbeck.
King, Alexander	New York.	Wm. King, Jr.
Kirkbride, M. Frank	Pennsylvania.	Thomas G. Morton.
Klapp, William H.	Pennsylvania.	Francis G. Smith.
Kline, James Y.	Pennsylvania.	I. M. Groff.
Kline, Molten J.	Pennsylvania.	W. G. M. Seiple.
Kyle, Edwin H.	Pennsylvania.	John Barber.
Lacerda, Romao de	Brazil, S. A.	
Lamb, Walter	New Jersey.	Thomas G. Morton.
Latta, Samuel W. (M.D.)	Pennsylvania.	
Laubach, Amandas J. (M.D.)	Pennsylvania.	
Laubach, George F.	Pennsylvania.	A. J. Laubach.
Lautenbach, Benjamin F.	Pennsylvania.	Theo. A. Demmé.
Layton, Caleb R., Jr.	Delaware.	Chas. T. Hunter.
Leiser, William, Jr.	Pennsylvania.	Wm. Leiser, Sr.
Leslie, Cyrus H.	Pennsylvania.	Benj. H. Leslie.
Leslie, Daniel H.	Pennsylvania.	Benj. H. Leslie.
Lewis, D. Oldham	Pennsylvania.	H. Lenox Hodge.
Lewis, John J. (M.D.)	Iowa.	
Lewis, Morris J.	Pennsylvania.	Wm. Pepper.
Linn, G. Wilds (M.D.)	Pennsylvania.	
Lippincott, George C.	New Jersey.	Quinton Gibbon.
Lloyd, Thomas M.	New Jersey.	H. Lenox Hodge.
Long, Daniel G.	Pennsylvania.	M. S. Long.
Long, George W.	North Carolina.	John A. Walker.
Lutz, Charles A. V.	Pennsylvania.	F. B. Hazel.

NAME.	STATE.	PRECEPTOR.
Macdonald, Arthur K.	New Jersey.	J. H. Wikoff.
Macfarlane, Andrew	Pennsylvania.	R. G. Curtin.
Maclay, David	Pennsylvania.	C. T. Maclay.
Maior, Pedro de Souto	Brazil, S. A.	
Martin, Edwin M.	Pennsylvania.	John Martin.
Martin, George	New York.	J. F. Whitbeck.
Martinez, Franciscus J. (M.D.)	Ecuador, S. A.	
Mastin, William McD.	Alabama.	C. H. Mastin.
Matteson, Charles C.	Illinois.	Thos. S. Bond & Wm. Pepper.
Meigs, William M.	Pennsylvania.	J. H. Hutchinson.
Mellinger, James H.	Pennsylvania.	J. A. Taylor.
Merrill, James C.	Massachusetts.	
Metcalfe, Richard J.	Nova Scotia.	J. C. Moore & J. W. Cove.
Metzger, William E	Pennsylvania.	Geo. W. Metzger.
Miller, Charles H.	Pennsylvania.	W. J. Smith.
Miller, Charles K. I. (M.D)	Pennsylvania.	
Miller, J. Craig	Pennsylvania.	R. M. Girven.
Moorhead, Thomas W.	Indiana.	J. H. Cantrell.
Moraes, Antonio A. da S.	Brazil, S. A.	W. H. Winslow.
Morris, Spencer (M.D.)	Pennsylvania.	
Morrison, John W.	Ohio.	R. H. & J. Cummins.
Moseley, Edward B. (M.D.)	Pennsylvania.	
Mothersbaugh, Hersey H.	Pennsylvania.	C. W. P. Fisher.
Mowry, William B.	Pennsylvania.	R. B. Mowry.
Murray, F. Marion	Florida.	R. D. Murray
Myers, Wilbur F.	Pennsylvania.	B. Gillett.
McBride, Cooper F.	Pennsylvania.	A. M. Neyman.
McCarty, Robert H.	Pennsylvania.	Chas. K. Mills.
McClaskey, John B.	Pennsylvania.	David J. Reese.
McLean, James R. (M.D.)	Nova Scotia.	
McCloughan, Joseph F. (M.D.)	New Jersey.	
McCombs, R. Shelmerdine (M.D.)	Pennsylvania.	
McCracken, George I. Y.	Pennsylvania.	Miller & Adler.
McDaniel, Joseph H.	Texas.	A. D. Boggs.
McDonald, Abraham A.	Minnesota.	Goodrich & Kimball.
McGowan, Hiram (M.D.)	Pennsylvania.	
McIntosh, George A. C.	Pr. Edward Isl.	McIntosh & D. Darrach.
McJunkin, John	South Carolina.	Oliver M. Doyle.
McKelvey, Charles E.	New York.	J. F. Whitbeck.
McKelvy, William, Jr.	Pennsylvania.	J. K. Robins.
McKennan, Henry S.	Pennsylvania.	Thos. McKennan.
Neel, Harry A. P.	Pennsylvania.	Jas. Tyson & Associates.
Neill, Hollingsworth	Pennsylvania.	John Neill.
Nelson, Alfred B.	Kentucky.	John D. Jackson.
Nevin, Joseph P.	Pennsylvania.	Alex. & R. C. Stewart.
Nickerson, Levin H. A.	Delaware.	W. M. Nickerson.
Nickerson, Philemon G.	Delaware.	W. M. Nickerson.
Ogden, James A.	Pennsylvania.	Harrison Allen.
O'Hare, Thomas A.	New York.	Chas. Buckley.
O'Neill, James Wilks	Pennsylvania.	Jos. Carson.
Oliver, Charles A.	Pennsylvania.	Geo. P. Oliver.

NAME.	STATE.	PRECEPTOR.
Oliver, George P. (M.D.)	Pennsylvania.	
Osborne, Richard H. G. (M.D.)	Delaware.	
Ott, John Jacob	Pennsylvania.	Isaac S. Moyer.
Paine, Charles F. (M.D.)	Pennsylvania.	
Park, John B. (M.D.)	Michigan.	
Parker, Andrew J., Jr.	Pennsylvania.	B. Pennebaker.
Parker, G. Albertson	New Jersey.	J. W. Woolverton.
Parrish, S. Franklin	Pennsylvania.	Wm. Hunt.
Partenheimer, John R. (M.D.)	Pennsylvania.	
Paxson, Joseph A. (M.D.)	Pennsylvania.	
Pearson, John S.	Pennsylvania.	D. D. Richardson.
Perdue, William R.	Pennsylvania.	Jos. H. Stubbs.
Perkins, Francis M.	Pennsylvania.	H. Lenox Hodge.
Phillips, William L.	Pennsylvania.	Samuel W. Latta.
Pillow, Robert	Tennessee.	A. L. Pillow.
Plum, Henry A.	Pennsylvania.	G. B. Curtis.
Polis, George S., Jr.	Pennsylvania.	Thos. G. Morton.
Priestley, James Taggart	Pennsylvania.	Jos. Priestley & Wm. F. Jenks.
Pope, Lewis E.	Tennessee.	Wm. V. Taylor.
Putt, Maurice O. (M.D.)	Pennsylvania.	
Radebaugh, John M. (M.D.)	Pennsylvania.	
Ramirez, Frank P.	Cuba.	Wm. Pepper.
Ramirez, Rafael A.	Cuba.	Wm. Pepper.
Ranck, Charles B. (M.D.)	Pennsylvania.	
Ranck, John W. (M.D.)	Pennsylvania.	
Ransley, Alexander W.	Pennsylvania.	W. A. Reed.
Raue, Joseph M.	New Jersey.	Jno. A. Raub.
Reber, Lyman S. (M.D.)	Missouri.	
Reed, Henry B. (M.D.)	Pennsylvania.	
Reemsnyder, Byron J.	Pennsylvania.	Henry Reemsnyder.
Reynolds, A. Sidney	New Jersey.	Robert W. Elmer.
Ringrose, Jesse W.	Pennsylvania.	W. M. Reber.
Rixey, Samuel D. (M.D.)	Virginia.	
Robb, William H., Jr.	Tennessee.	W. R. Tompkins.
Roberts, Algernon Sydney, Jr.	Pennsylvania.	Wm. W. Keen.
Robbins, James W. (M.D.)	Pennsylvania.	
Rockwell, La Rue D.	Pennsylvania.	A. Logan.
Rogers, Francis J. (M.D.)	Rhode Island.	
Roland, Oliver	Pennsylvania.	Jno. L. Atlee, Sr.
Rozzell, Charles S.	North Carolina.	Jno. M. Lawing.
Rudderow, Benjamin J.	Pennsylvania.	L. S. Bolles.
Rust, Charles Buckner, Jr.	Virginia.	W. P. McGuire.
Saeger, George C.	Pennsylvania.	Geo. W. Metzger.
St. Clair, John M.	Pennsylvania.	St. Clair & Purrington.
Salinas, V. Gonzales	Mexico.	Wm. Pepper.
Scott, Jesse Y.	Pennsylvania.	J. Harvey Leyda.
Seaney, John M.	Delaware.	R. W. Hargadine.
Seese, Samuel P.	Pennsylvania.	B. K. Johnson.
Seibert, William H.	Pennsylvania.	J. H. Roebuck.
Seip, Michael Servetus	Pennsylvania.	Amos Seip.

NAME.	STATE.	PRECEPTOR.
Sewall, Charles H. (M.D.)	Pennsylvania.	
Shilling, George W.	Pennsylvania.	John Barber.
Sibger, Clinton W.	Pennsylvania.	J. J. Wilson.
Simpson, Robert	Pennsylvania.	Herman B. Linton.
Sitler, William R.	Pennsylvania.	R. A. Robertson.
Skinner, William O.	Pennsylvania.	Thomas H. Walker.
Smith, Alfred H.	Pennsylvania.	Mordecai Price.
Smith, Clayton K.	Pennsylvania.	Jas. Tyson & Associates.
Smith, Harry A.	Pennsylvania.	J. J. Sowerby & H. Lenox
Smith, Robert Meade	Pennsylvania.	Francis G. Smith. [Hodge.
Smythe, D. Port	Texas.	
Snyder, George B.	Pennsylvania.	D. S. Hays.
Sowerby, John J. (M.D.)	New Jersey.	
Spencer, Robert E.	Pennsylvania.	Richard Moffett.
Springer, Willard	Delaware.	Swithin Chandler.
Stanley, Charles E.	New Jersey.	
Stahly, George Diehl	Pennsylvania.	Traill Green.
Stebalts, Frank William	Austria.	University of Vienna.
Steel, Francis C.	Pennsylvania.	Geo. N. Reutter.
Steelman, Jesse A.	New Jersey.	E. H. Madden.
Stelwagon, Harry W.	Pennsylvania.	Thos. G. Morton.
Stewart, Thomas Dale	Delaware.	David Stewart.
Stewart, James B.	Delaware.	David Stewart.
Stiles, Edward, Jr. (M.D.)	Pennsylvania.	
Stillwell, Walter C. (M.D.)	Pennsylvania.	
Stokes, James (M.D.)	Pennsylvania.	
Stout, Alexander M.	Kentucky.	Thomas Hay.
Stratton, Albert G.	Pennsylvania.	
Stroup, George H.	Pennsylvania.	Edw. Stiles, Jr.
Stroup, Wilson W.	Pennsylvania.	N. W. Stroup.
Struble, Hugh McD.	New Jersey.	Jos. F. McCloughan.
Stump, George M. (M.D.)	Maryland.	
Summerill, John M.	New Jersey.	M. Johnson.
Taverner, Robert W.	Virginia.	
Taylor, John L. H.	Tennessee.	Wm. V. Taylor.
Taylor, William L.	Pennsylvania.	Thos. J. Yarrow.
Thomas, Otho W.	Pennsylvania.	E. Melhorn.
Thompson, Joseph	Pennsylvania.	L. H. & T. D. Thompson.
Thompson, Thomas D. (M.D)	Pennsylvania.	
Throgmorton, James P.	Illinois.	J. H. Travis.
Tibbins, Joseph S.	Pennsylvania.	E. S. Dorworth.
Toboldt, Albert L. A. (M.D.)	Pennsylvania.	
Townsend, Eugene	Pennsylvania.	Wm. W. Keen.
Townsend, Henry	Pennsylvania.	Geo. M. Ward.
Turner, Alexander Edwin	North Carolina.	Benj. F. Mebane.
Turner, Thomas B.	New Jersey.	Mayhew Johnson.
Underwood, Timothy E. (M.D.)	North Carolina.	
Urquhart, George W.	Pennsylvania.	H. Earnest Goodman.
Van Houten, Isaac N. (M.D.)	New Jersey.	
Vernon, George R.	Pennsylvania.	J. McR. Kemp.

NAME.	STATE.	PRECEPTOR.
Vianna, Nicoláu	Brazil. S. A.	Eug. P. Bernardy.
Vinton, C. Harrod (M.D.)	Pennsylvania.	
Vogler, George W.	Pennsylvania.	J. M. Boisnot.
Voigt, Charles H.	Pennsylvania.	James McCann.
Vollmer, Ulrich William	Pennsylvania.	Albert Frické.
Wade, Frank H.	Pennsylvania.	King & Le Moyne.
Walker, John T. (M.D.)	Pennsylvania.	
Walker, Samuel McFerren	Pennsylvania.	J. T. Christy.
Walsh, John Francis	New Jersey.	Wm. W. Keen.
Wanner, Cyrus	Pennsylvania.	J. S. Trexler.
Weaver, George P.	Pennsylvania.	Wm. D. Reinhardt.
Weeks, Albion D.	Maine.	Stephen H. Weeks.
Weldin, Charles E. (M.D.)	Delaware.	
West, Maximilian	New Jersey.	J. M. Ridge.
Westhaeffer, H. Emlen	Pennsylvania.	J. L. Atlee, Jr.
Whaland, Charles W.	Maryland.	T. H. Whaland.
Wharton, Harry R.	Pennsylvania.	John Neill.
Whelen, Alfred	Pennsylvania.	J. H. Brinton.
Whitaker, Frederick A.	North Carolina.	A. F. Hammond.
Williams, Arthur	Maryland.	Wm. P. Bird.
Williams, Frank H.	Pennsylvania.	Jno. M. Phipps & Jos. A. Paxson.
Williams, J. Mettauer	Virginia.	Benjamin Williams.
Williams, William J.	Tennessee.	A. D. & J. E. Cage.
Wilson, Jeremy (M.D.)	Pennsylvania.	
Wilson, J. Greenwood (M.D.)	New Jersey.	
Winslow, Randolph	Maryland.	Jos. G. Richardson.
Winslow, William H. (M.D.)	Pennsylvania.	Geo. C. Harlan.
Wishart, C. Ammon	Pennsylvania.	J. Wilson Wishart.
Withers, Howard H.	Pennsylvania.	M. M. Withers.
Wood, M. Allen	Pennsylvania.	A. Pursell.
Woodruff, Alpheus B.	New Jersey.	J. Barron Potter.
Woods, Matthew (M.D.)	Pennsylvania.	
Woodward, Charles E.	Pennsylvania.	Nathan Y. Leet.
Young, George R.	Pennsylvania.	E. B. Shapleigh.
Zeigler, George Winfield	Pennsylvania.	A. J. Herman.
Ziegler, Walter M. L.	Pennsylvania.	J. L. Ziegler.
Zollicoffer, Augustus R.	North Carolina.	C. J. Gee & Jas. W. Alston.

Of the foregoing there were from—

Alabama	2	Iowa	2	New Jersey	26	Texas	3
Austria	1	Kentucky	2	New York	5	Turkey, Asia	1
Barbadoes, W. I.	1	Maine	1	North Carolina	11	Uruguay, S. A.	1
Brazil, S. A.	6	Massachusetts	2	Nova Scotia	2	United States Army	1
California	1	Maryland	7	Ohio	2	United States Navy	1
Connecticut	2	Mexico	1	Oregon	1	Vermont	1
Cuba, W. I.	6	Michigan	1	Pennsylvania	247	Virginia	7
Delaware	16	Minnesota	1	Prince Edward Island	1		
Ecuador, S. A.	1	Mississippi	1	Rhode Island	2		
France	1	Missouri	3	South Carolina	1	Total	385
Illinois	2	Nebraska	1	Tennessee	9		
Indiana	1	New Brunswick	1				

UNIVERSITY OF PENNSYLVANIA.

MEDICAL DEPARTMEMT.

At a Public Commencement, held Thursday, March 12, 1874, at the American Academy of Music, the Degree of Doctor of Medicine was conferred by Charles J. Stillé, LL.D., Provost, upon the following gentlemen; after which an address was delivered by Joseph Carson, M.D., Professor of Materia Medica.

NAME.	POST-OFFICE.	STATE.
Alexander, Lot	Milroy.	Pennsylvania.
Andrews, Reuben H.	Hagersville.	Pennsylvania.
Ayers, Samuel J.	Pequea.	Pennsylvania.
Baker, Philip D.	Dillsburg.	Pennsylvania.
Baker, William C.	Lancaster.	Pennsylvania.
Baldwin, L. Byron	Downingtown.	Pennsylvania.
Bass, H. Turner	Scotland Neck.	North Carolina.
Batdorff, Franklin P.	Mount Ætna.	Pennsylvania.
Beck, Richard H.	Hecktown.	Pennsylvania.
Berens, Joseph	Philadelphia.	Pennsylvania.
Bircks, Jacob B.	Philadelphia.	Pennsylvania.
Bonwill, Emile L.	Felton.	Delaware.
Carpenter, A. Eldridge	Springtown.	New Jersey.
Catlin, Joseph A.	Chestertown.	Maryland.
Cooper, Llewellyn H.	Coopersburg.	Pennsylvania.
Cooper, Thomas H.	Whiteleysburg.	Delaware.
Cordts, George W.	Canton.	Mississippi.
Deaver, Richard Wilmot	Buck.	Pennsylvania.
Dickinson, Granville E.	Newtown.	Maryland.
Diehl, Mahlon	Allentown.	Pennsylvania.
Dorworth, Edwin S.	Howard.	Pennsylvania.
Ealy, Taylor F.	Schellsburg.	Pennsylvania.
Edwards, Joseph F.	Philadelphia.	Pennsylvania.
Ellis, Guilherme	San Paulo.	Brazil, S. A.
Eyster, George L.	Lincoln.	Nebraska.
Farrow, Edwin D.	Hamilton.	Missouri.
Fell, John A.	Buckingham.	Pennsylvania.
Finney, William F.	Hatboro'.	Pennsylvania.
Fogel, Solon C. B.	Fogelsville.	Pennsylvania.
Frowert, Charles G.	Philadelphia.	Pennsylvania.
Fullenwider. Austin L.	Kossuth.	Iowa.
Gibbons, Richard H.	Honesdale.	Pennsylvania.
Good, J. Winfield	Blue Rock.	Pennsylvania.
Gray, M. Dwight	Cambridge.	Pennsylvania.
Grewer, Edward	Smyrna.	Delaware.
Guitéras, Daniel M.	Matanzas.	Cuba.
Hallum, Edward J.	Barton.	Texas.
Hand, Francis C.	Philadelphia.	Pennsylvania.
Hawkes, William H.	Cotuit Port.	Massachusetts.
Haynes, John R.	Philadelphia.	Pennsylvania.

NAME.	POST-OFFICE.	STATE.
Heyl, Ervin	Columbus.	Ohio.
Hill, G. Alvan	Hughesville.	Pennsylvania.
Hocker, David R.	Highspire.	Pennsylvania.
Hoffman, David S.	Lebanon.	Pennsylvania.
Hollinger Wilson F.	Abbottstown.	Pennsylvania.
Hopkins, William Barton	Philadelphia.	Pennsylvania.
Houck, Jesse H.	New Chester.	Pennsylvania.
Housekeeper, Frank P.	Chestnut Level.	Pennsylvania.
Huff, Charles W.	Town Hill.	Pennsylvania.
Humphrey, Robert S.	Cherryville.	Pennsylvania.
Hunter, George Alva	Macon.	Tennessee.
Hutchison, Frank P.	Oxford.	Pennsylvania.
Hyskell, William D.	Warriors Mark.	Pennsylvania.
Ivison, John	Philadelphia.	Pennsylvania.
Johnston, James C.	Lebanon.	Pennsylvania.
Johnston, Samuel	Carrickmore.	Ireland.
Jones, William F.	Gloucester C. H.	Virginia.
Kirkbride, M. Frank	Philadelphia.	Pennsylvania.
Kline, James Y.	Ephrata.	Pennsylvania.
Lamb, Walter	Mt. Holly.	New Jersey.
Leslie, Cyrus H.	Ono.	Pennsylvania.
Leslie, Daniel H	Annville.	Pennsylvania.
Lewis, D. Oldham	Philadelphia.	Pennsylvania.
Lewis, Morris J.	Philadelphia.	Pennsylvania.
Long, George W.	Graham.	North Carolina.
Macfarlane, Andrew	Philadelphia.	Pennsylvania.
Martin, Edwin M.	Bart.	Pennsylvania.
Martin, George	West Henrietta.	New York.
Mastin, William McD.	Mobile.	Alabama.
Matteson, Charles C.	Chicago.	Illinois.
Mellinger, James H.	Philadelphia.	Pennsylvania.
Merrill, James C.	Boston.	Massachusetts.
Metcalfe, Richard J.	River Philip.	Nova Scotia.
Metzger, William E.	Montgomery Station.	Pennsylvania.
Mowry, William B.	Alleghany.	Pennsylvania.
McClaskey, John B.	Westport.	Pennsylvania.
McDonald, Abraham A.	Minneapolis.	Minnesota.
McJunkin, John	Fair Play.	South Carolina.
McKennan, Henry S.	Washington.	Pennsylvania.
Neill, Hollingsworth	Philadelphia.	Pennsylvania.
Nelson, Alfred B.	Danville.	Kentucky.
Nickerson, Levin H. A.	Wilmington.	Delaware.
Ogden, James A.	Philadelphia.	Pennsylvania.
Ott, John Jacob	Quakertown.	Pennsylvania.
Perdue, William R.	London Grove.	Pennsylvania.
Phillips, William L.	Parkesburg.	Pennsylvania.
Pillow, Robert	Columbia.	Tennessee.
Priestley, James Taggart	Northumberland.	Pennsylvania.
Raub, Joseph M.	Belvidere.	New Jersey.
Reemsnyder, Byron J.	Akron.	Pennsylvania.
Rockwell, La Rue D.	Cambridgeboro'.	Pennsylvania.
Rudderow, Benjamin J.	Oaks.	Pennsylvania.
Rust, Charles Buckner, Jr.	Mill Dale.	Virginia.
Salinas, V. Gonzalez	Monclova.	Mexico.
Seese, Samuel P.	North Wales.	Pennsylvania.
Seibert, William H.	Hummelstown.	Pennsylvania.

NAME.	POST-OFFICE.	STATE.
Simpson, Robert	Philadelphia.	Pennsylvania.
Skinner, William O.	Harrisonville.	Pennsylvania.
Smythe, D. Port	Bryan.	Texas.
Springer, Willard	Hockessin.	Delaware.
Stroup, George H.	Philadelphia.	Pennsylvania.
Stroup, Wilson W.	Elizabethville.	Pennsylvania.
Taylor, John L. H.	Memphis.	Tennessee.
Thomas, Otho W.	New Chester.	Pennsylvania.
Throgmorton, James P.	Wolf Creek.	Illinois.
Turner, Alexander Edwin	Graham.	North Carolina.
Walker, Samuel McFerren	Altoona.	Pennsylvania.
Weeks, Albion D.	Portland.	Maine.
Whaland, Charles W.	Chestertown.	Maryland.
Whelen, Alfred	Philadelphia.	Pennsylvania.
Williams, Arthur	Davidsonville.	Maryland.
Williams, Frank H.	Buckingham.	Pennsylvania.
Williams, J. Mettauer	Union Hall.	Virginia.
Williams, William J.	Thomasville.	Tennessee.
Winslow, William H. (M.D.)	Philadelphia.	Pennsylvania.
Withers, Howard H.	Lancaster.	Pennsylvania.
Wood, M. Allen	Hulmesville.	Pennsylvania.
Woodruff, Alpheus B.	Bridgeton.	New Jersey.
Woodward, Charles E.	Scranton.	Pennsylvania.
Zeigler, George Winfield	Carlisle.	Pennsylvania.
Ziegler, Walter M. L.	Mt. Joy.	Pennsylvania.

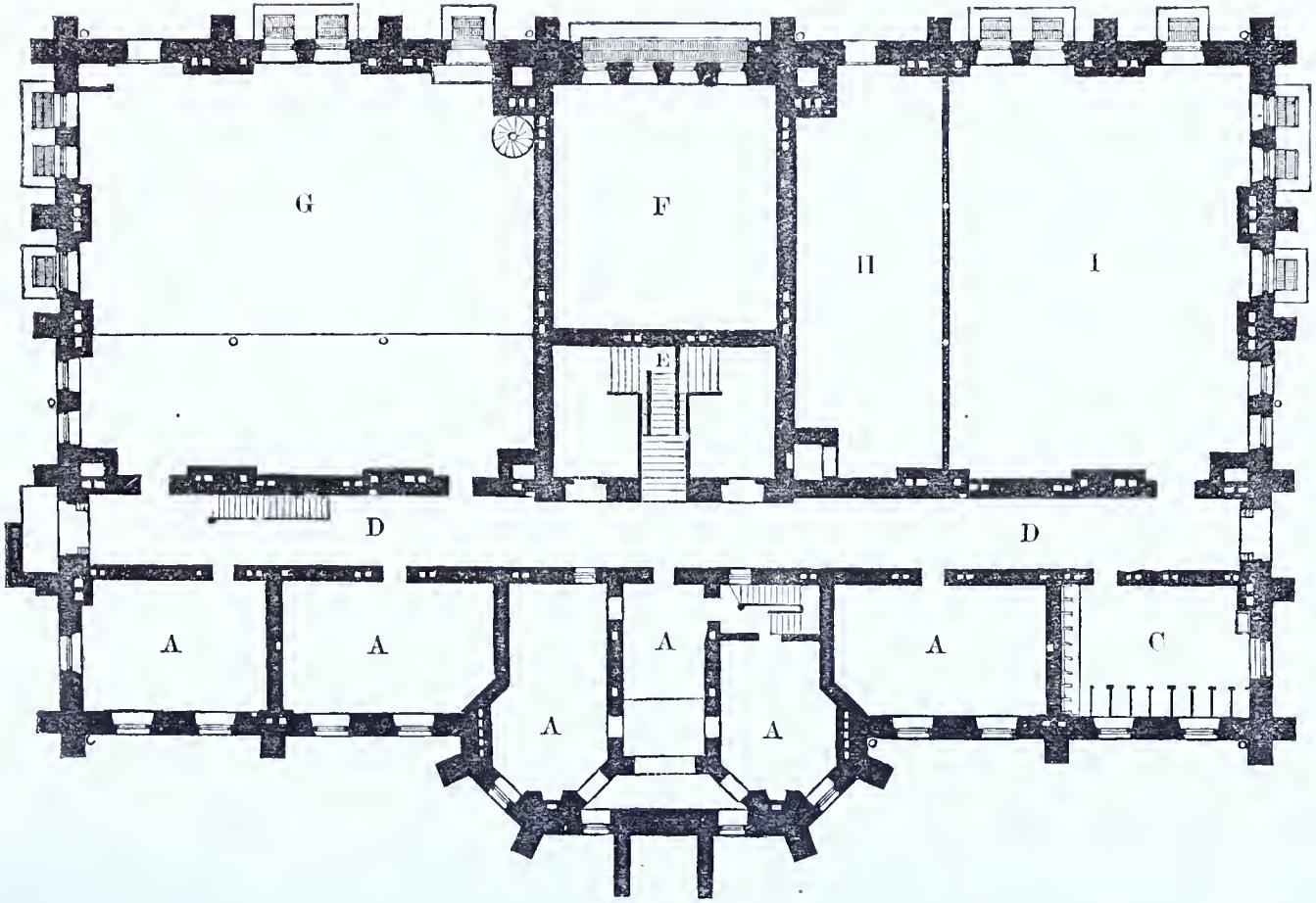
PRIZES AWARDED.

The following were the Prizes awarded at the Commencement of March 12, 1874, in accordance with the terms announced in the Catalogue of 1873–4.

Chas. G. Frowert, of Pennsylvania	$100
Jno. R. Haynes, "	100
Frank P. Houskeeper, offered by Dr. Hodge . . .	Gold Medal.
" " " " . . .	30
La Rue D. Rockwell, offered by Dr. Pepper . . .	30
L. Byron Baldwin, " " . . .	20

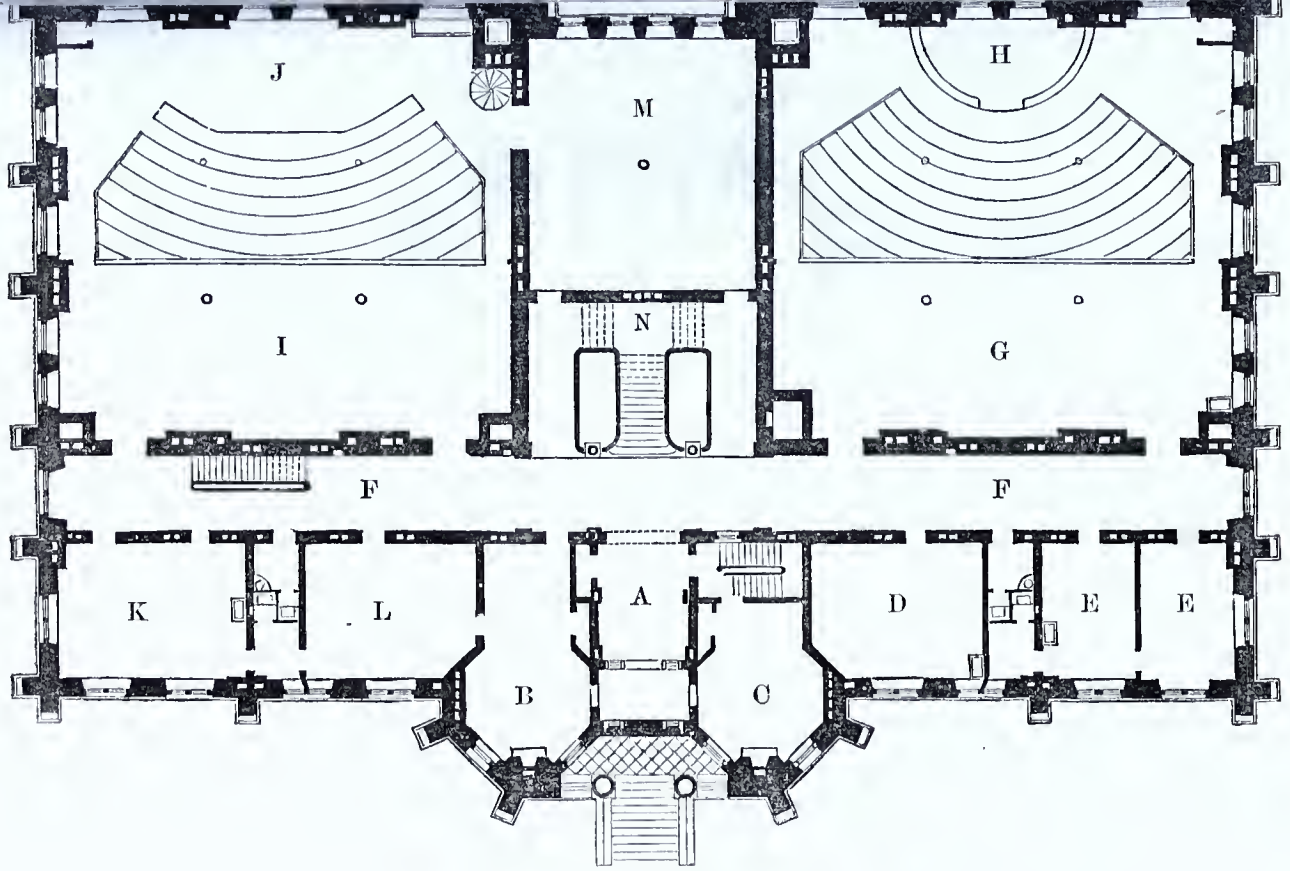
The following gentlemen received honorable mention for the meritorious character of their essays.

Joseph Berens, of Pennsylvania.
Daniel M. Guiteras, of Cuba.
Frank P. Houskeeper, of Penna.
V. Gonzales Salinas, of Mexico.
Austin L. Fullenwider, of Iowa.
Guilherme Ellis, of Brazil.
Jos. F. Edwards, of Pennsylvania.
Francis C. Hand, of Pennsylvania.
Wm. H. Hawkes, of Massachusetts.
Morris J. Lewis, of Pennsylvania.
Chas. C. Matteson, of Illinois.
Jas. C. Merrill, of Massachusetts.
Alfred B. Nelson, of Kentucky.
Jas. A. Ogden, of Pennsylvania.
Benj. J. Rudderow, of Penna.



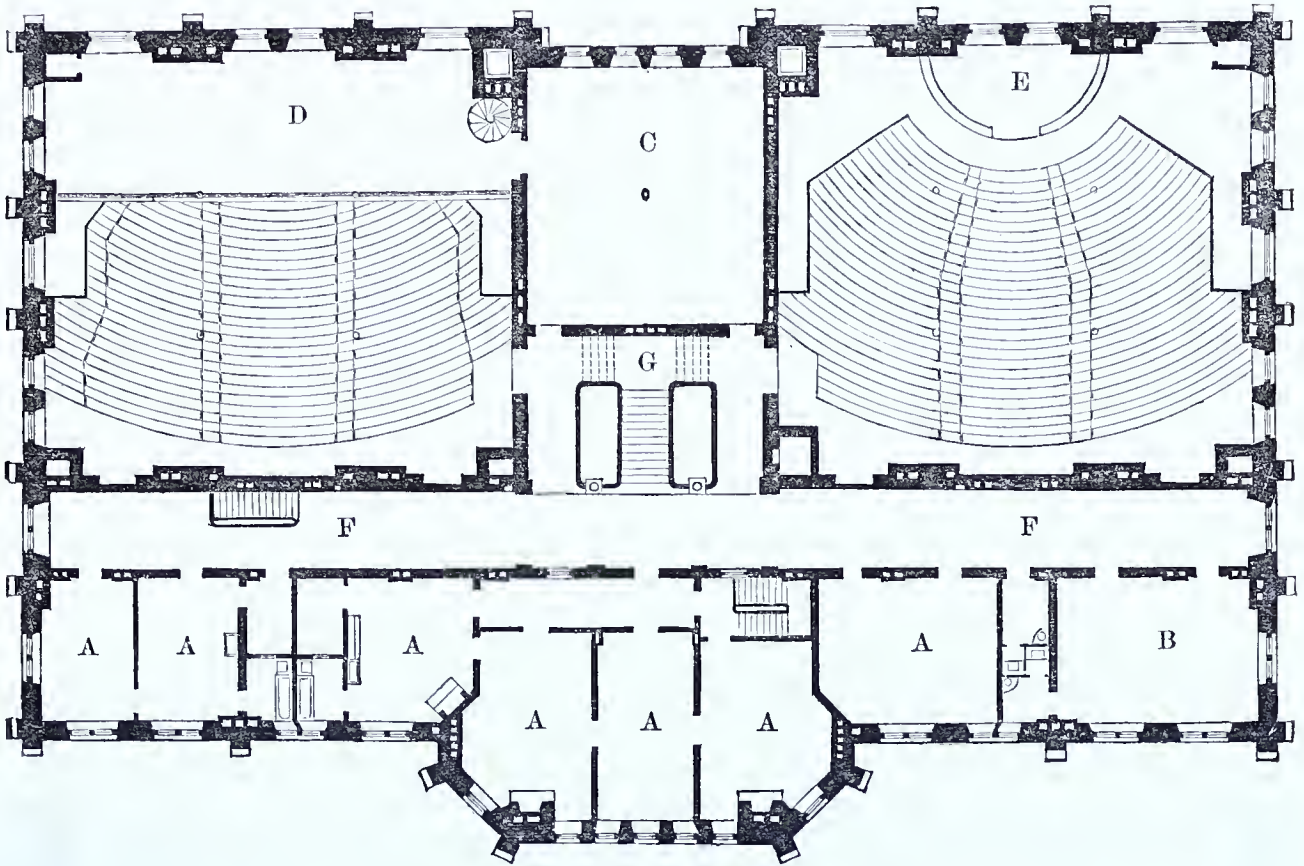
PLAN OF BASEMENT.

A. Storage.
C. Water Closets.
D. Corridor.
E. Stairway.
F. Furnace Room.
G. Working Laboratory.
H. Anatomical Room.
I. Assembly Room.



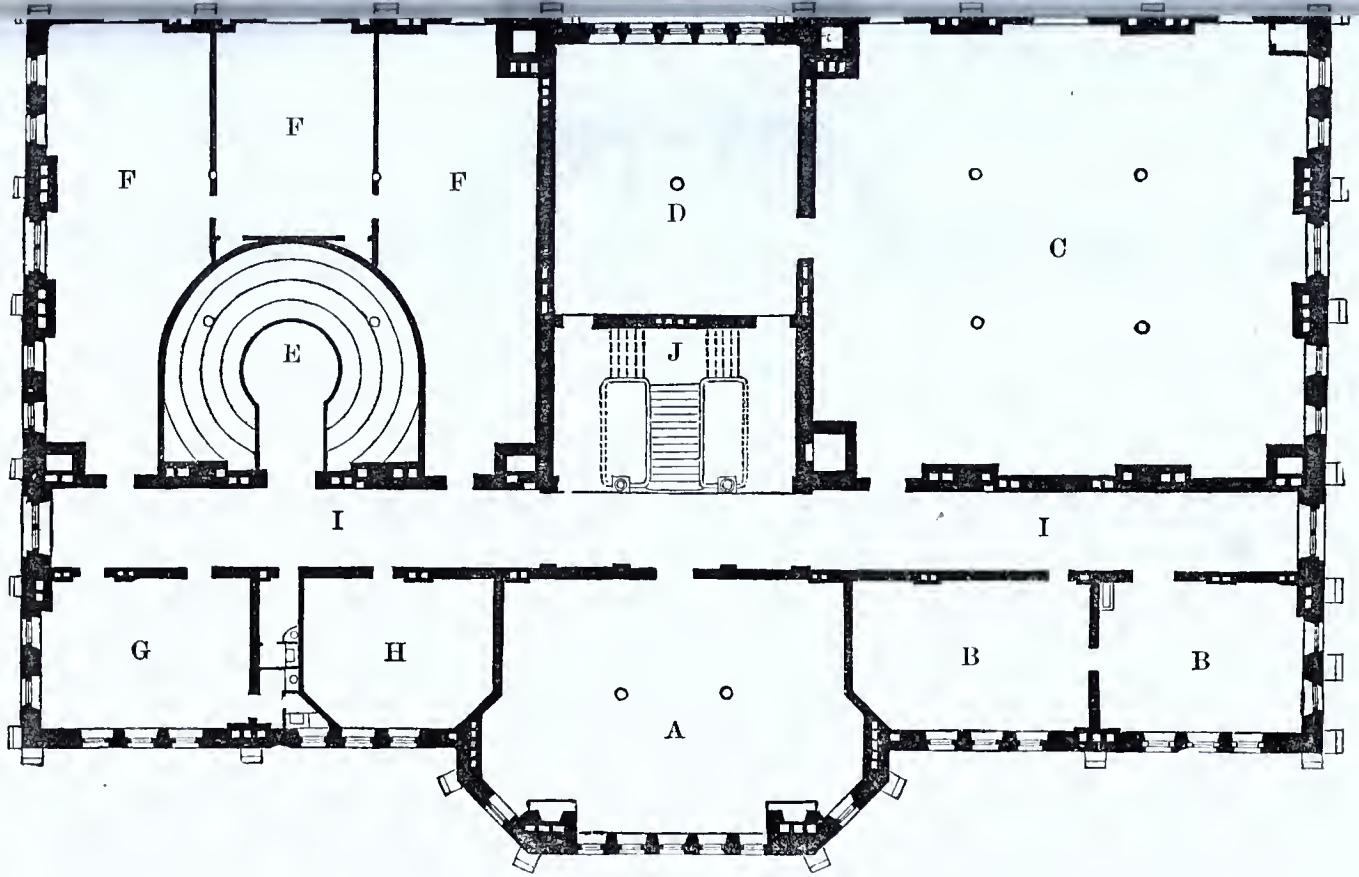
PLAN OF FIRST FLOOR.

A. Vestibule.
B. Dean's Office.
C. Janitor's Office.
D. Room of Prof. of Materia Medica.
E, E. Rooms of Prof. of Physiology.
F. Corridor.
G. Room of Prof. of Practice.
H. Lecture-Room for Practice, etc.
I, J. Chemical Lecture-Room.
K. Chemical Apparatus Room.
L. Room of Prof. of Chemistry.
M. Chemical Apparatus Room.
N. Stairway.



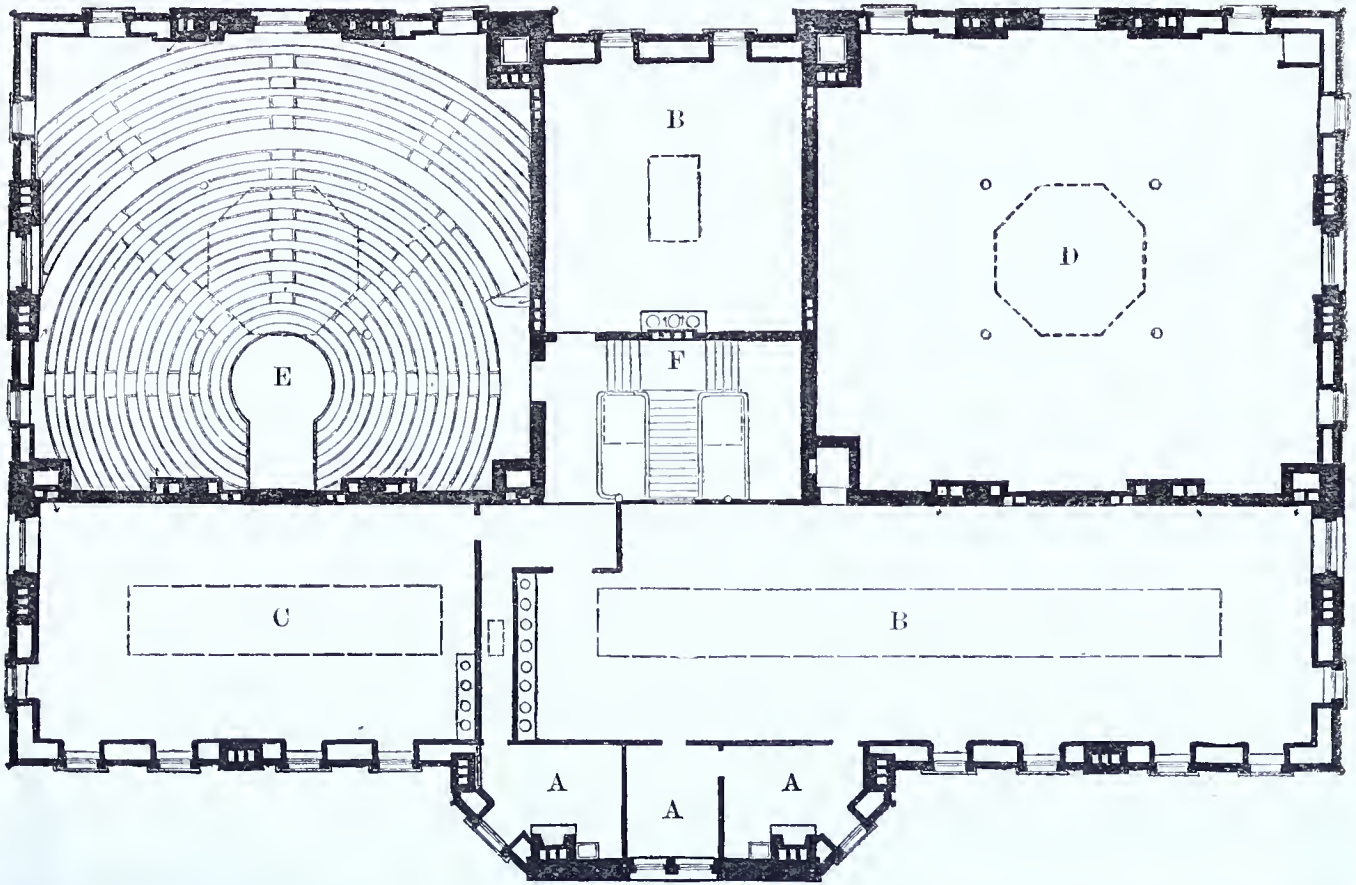
PLAN OF FIRST HALF FLOOR.

A, A, etc. Private Rooms.
B. Physiological Laboratory.
C. Chemical Museum.
D. Chemical Lecture-Room.
E. Lecture-Room for Practice, etc.
F. Corridor.
G. Main Stairway.



PLAN OF SECOND FLOOR.

A. Library and Faculty Room.
B, B. Rooms of Prof. of Anatomy.
C. Wistar and Horner Museum.
D. Dr. G. B. Wood's Museum.
E. Amphitheatre.
F, F, F. Private Rooms.
G. Professor of Surgery.
H. Professor of Obstetrics.
I. Corridor.
J. Stairway.



PLAN OF THIRD FLOOR.

A, A, A. Seulleries.
B, B. Dissecting Rooms.
C. Operation Room.
D. Top of Museum.
E. Upper part of Amphitheatre.
F. Stairway.

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CORNELIUS G. COMEGYS, of Cincinnati, Ohio.

NOTICE.

In accordance with the action of the Society at the late Annual Meeting, the Executive Committee would earnestly invite their fellow-Alumni throughout the country, who have not yet joined the Society, to forward their names (with references to local organizations, or to the American Medical Association, as to standing) to Dr. Richard A. Cleeman, Corresponding Secretary, or to Prof. R. E. Rogers, of the University of Pennsylvania. The Executive Committee would also be glad to receive nominations of Alumni, for appointment as local Secretaries, to organize local Societies and to obtain additional members for the general Society.

The participation of the graduates in the Anniversary Celebration—not only with subscriptions, but with their personal attendance—is also earnestly invited, in the interests of professional good-fellowship, as well as of the Society of the Alumni and their Alma Mater.

DEPARTMENT OF ARTS AND DEPARTMENT OF SCIENCE.

The next Collegiate Year in these Departments of the University, being the third in the new buildings, 36th and Locust Streets, will begin on

TUESDAY, SEPTEMBER 15TH, 1874, AT 10 A.M.

During the past year very considerable additions have been made to the working force, the library, and apparatus, and arrangements have been made to add still more to the completeness of the outfit of both Departments.

In the Department of Arts a thorough literary, classical, linguistic, historical, mathematical, and scientific education is furnished, with large choice of elective studies during the last two years.

In the Department of Science, after two years' thorough drill in the elementary branches, the student may choose a course to fit him for practical life, as (1) an analytical Chemist, or (2) a practical geologist and mining engineer, or (3) a civil engineer, or (4) a mechanical engineer. At the same time the course of study in history, literature, and the modern languages extends over four years.

For Catalogues or further information, apply to the Provost or to the Dean of the Faculty of Science.

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